

Pittosporum paniense

Assessment by: Gemmill, C. *et al.*



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum paniense* Guillaumin

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Vulnerable D1 [ver 3.1](#)

Year Published: 2017

Date Assessed: July 24, 2015

Justification:

Pittosporum paniense is an endemic small tree of New Caledonia, known only from Mont Panié, Mont Colnett and Roches de la Ouaième. A species of dense humid forest on micaschist found at an altitudinal range 700-1,600 m asl, its area of occupancy and extent of occurrence cover 16 and 38 km² respectively. According to field observations, population size is estimated to be fewer than 1,000 mature individuals. Using criterion D, *P. paniense* qualifies for listing as Vulnerable (VU) D1.

Previously Published Red List Assessments

1998 – Vulnerable (VU)

<http://dx.doi.org/10.2305/IUCN.UK.1998.RLTS.T35277A9917535.en>

1998 – Vulnerable (V)

Geographic Range

Range Description:

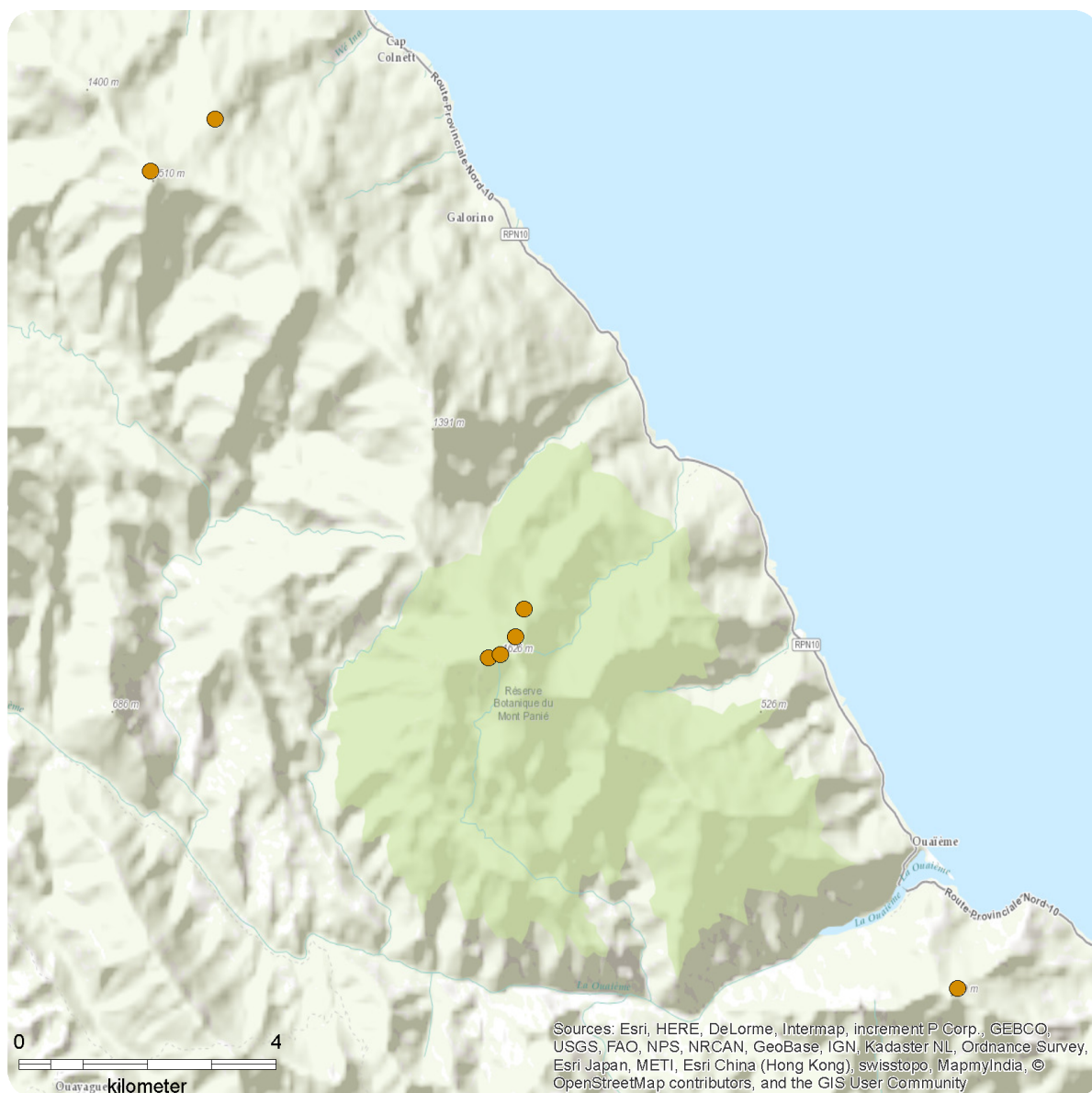
Pittosporum paniense is an endemic shrub of New Caledonia, known only from Mont Panié, Mont Colnett and Roches de la Ouaième.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum paniense



Range

- Extant (resident)

Compiled by:

IUCN SSC New Caledonia Plants RLA



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.

Population

The population of *Pittosporum paniense* is estimated to number fewer than 1,000 mature individuals.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

Pittosporum paniense is a species of dense humid forest on micaschist found at an altitudinal range 700-1,600 m asl.

Systems: Terrestrial

Threats (see Appendix for additional information)

Due to its ecology and repartition area, *Pittosporum paniense* could be affected by damage to its habitat caused by wild pigs or fruit predation by rats.

Conservation Actions (see Appendix for additional information)

Protected species by legislation in Province Nord, *Pittosporum paniense* is also found in réserve de nature sauvage du mont Panié. In order to improve knowledge on its distribution, field surveys are required in the area close to the known localities.

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G., Letocart, I., Letocart, D., Maggia, L. & Pain, A.

Reviewer(s): Tanguy, V.

**Facilitators(s) and
Compiler(s):** Chanfreau, S.

Bibliography

Endemia.nc. 2016. Faune et Flore de Nouvelle-Calédonie. Available at: <http://www.endemia.nc>.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Citation

Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G., Letocart, I., Letocart, D., Maggia, L. & Pain, A. 2017. *Pittosporum paniense*. *The IUCN Red List of Threatened Species 2017*: e.T35277A67764251. <http://dx.doi.org/10.2305/IUCN.UK.2017-3.RLTS.T35277A67764251.en>

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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.9. Forest - Subtropical/Tropical Moist Montane	-	Suitable	-

Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
8. Invasive and other problematic species, genes & diseases -> 8.1. Invasive non-native/alien species/diseases -> 8.1.2. Named species (Unspecified Rattus)	Ongoing	-	-	-
	Stresses:	2. Species Stresses -> 2.3. Indirect species effects -> 2.3.7. Reduced reproductive success		
8. Invasive and other problematic species, genes & diseases -> 8.1. Invasive non-native/alien species/diseases -> 8.1.2. Named species (Sus domesticus)	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance 2. Species Stresses -> 2.3. Indirect species effects -> 2.3.7. Reduced reproductive success		

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 16
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 38
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: No
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 700
Upper elevation limit (m): 1600
Population
Number of mature individuals: 250-999
Continuing decline of mature individuals: No
Extreme fluctuations: No
Population severely fragmented: No
No. of subpopulations: 3
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No
Generation Length (years): 0

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